

**IN THE SPECIFICATION:**

Kindly amend the paragraph beginning on page 3, line 4, as follows:

According to a ninth aspect of the present invention, each tap of the first FIR filter has a corresponding coefficient W as follows:

$W_0 = \text{unity}$

$0 < \sum_{i=1}^M W_{-i} + W_0 + \sum_{i=1}^n W_i < 1, \text{ and}$

$-1 \leq W_1, \dots, W_n \leq 0.$

Kindly amend the paragraph beginning on page 4, line 25, as follows:

According to a twenty-ninth aspect of the present invention, each tap of the first FIR filter means has a corresponding coefficient W as follows:

$W_0 = \text{unity}$

$0 < \sum_{i=1}^M W_{-i} + W_0 + \sum_{i=1}^n W_i < 1, \text{ and}$

$-1 \leq W_1, \dots, W_n \leq 0.$

Kindly amend the paragraph beginning on page 8, line 25, as follows:

The selection of the coefficients W is critical in providing the response defined in Fig. 5. To achieve this response, the selection of the coefficients W is critical. The appropriate selection of coefficients  $W_1 \dots W_n$  determines the sharpness of the response, and the appropriate selection of coefficients  $W_{-m} \dots W_{-1}$  effectively cancels the precursor tail. In the present embodiment the coefficients are selected from the following constraints:

$W_0 = \text{unity}$

$0 < \sum_{i=1}^M W_{-i} + W_0 + \sum_{i=1}^n W_i < 1$

$$-1 \leq W_1, \dots, W_n \leq 0,$$

in the preferred embodiment

$$W_0 = 1$$

$$W_1 = -0.1$$

$$W_1 + W_0 + W_2 + W_3 = 0.1$$

$$|W_1| > |W_2| > |W_3|$$

$$-1 \leq W_1, W_2, W_3 \leq 0, \text{ preferably } W_1 = -.35, W_2 = -.25, \text{ and } W_3 = -.20.$$